



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : William Hugold VELANDER

Serial No.: 10/049,849

Group Art Unit: 1632

Filed: June 27, 2002

Examiner: Unassigned

For: TRANSGENIC PROTHROMBIN AND RELATED THROMBIN PRECURSORS AND
TRANSGENICS, METHODS, COMPOSITIONS, USES AND THE LIKE RELATING
METHOD

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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

CITED MATERIALS

Applicant(s) hereby disclose the information listed in the attached form PTO-1449.

- ☐ Copies of materials listed but not attached were cited in parent application Serial No. _____; see 37 C.F.R. § 1.98(d).
- ☒ Copies of materials listed but not attached were cited in an International Search Report dated January 24, 2001; receipt of the International Search Report and copies of references was confirmed by the PCT International Division of the U.S. PTO in the Notice of Acceptance mailed September 5, 2002.

ADDITIONAL INFORMATION

LANGUAGE

- ☐ All listed materials are in the English language; see 37 C.F.R. § 1.98.
- ☐ Non-English language references:
- ☐ The reference(s): _____ in the English-language is (are) indicated by commercial data bases to correspond to the reference(s): _____, respectively.
- ☐ (An) English-language translation(s) of the references: _____ is (are) provided.
- ☐ A commercial English-language abstract of reference(s) _____ is (are) provided.
- ☒ An English-language search report or an equivalent paper from a foreign patent office translated into English in pertinent part in connection with a counterpart foreign application, is provided indicating the relevance of the cited reference(s).

FEES

- ☒ No fee is required for this Information Disclosure Statement because:
 - ☐ This Information Disclosure Statement is being filed within three months of the filing date of a national application (other than a CPA) under § 1.53(d) or within 3 months of the date of entry of the national stage under § 1.491 in an international application;
 - ☒ This Information Disclosure Statement is being filed before the mailing of a first action on the merits;
 - ☐ This Information Disclosure Statement is being filed after a first action on the merits but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that closes prosecution in the application, and is accompanied by a certification below.
 - ☐ This Information Disclosure Statement is filed under 37 C.F.R. § 1.97(i).
- ☐ A fee is required for this Information Disclosure Statement:
 - ☐ This Information Disclosure Statement is being filed after a first action on the merits but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311 or an action that closes prosecution, and is accompanied by the fee set forth in §1.17(p).
 - ☐ This Information Disclosure Statement is being filed after the mailing date of a final rejection or a notice of allowance under § 1.311 or an action that closes prosecution, but before the payment of the issue fee, and is accompanied by the fee set forth in § 1.17(p) and a certification below.

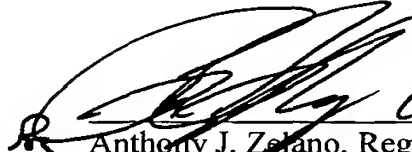
CERTIFICATION

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned, having made reasonable inquiry, no such item was known to any individual designated in 37 CFR § 1.56(c), more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

If a fee is due, attached is a check in the amount of \$ _____. However, the Commissioner is hereby authorized to charge fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

 (Reg. No. 32542)
Anthony J. Zelano, Reg. No. 27,969
Attorney/Agent for Applicants

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Attorney Docket No.: TRANS-1

Date: October 11, 2002
AJZ:jr

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1
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Application Number

Complete if Known

10/049.849

Filing Date

June 27, 2002

First Named Inventor

William Hugold VELANDER

Group Art Unit

1632

Examiner Name

Unassigned

Attorney Docket Number

TRANS-1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of 2

Complete if Known

Application Number	10/049,849
Filing Date	June 27, 2002
First Named Inventor	William Hugold VELANDER
Group Art Unit	1632
Examiner Name	Unassigned
Attorney Docket Number	TRANS-1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		William H. VELANDER et al., "High-Level Expression of a Heterologous Protein in the Milk of Transgenic Swine Using the cDNA Encoding Human Protein C," PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, Washington, US., Vol. 89, pp. 12003-12007, December 1992, XP000919001.	
		Arthur DEGENER et al., "Zn ²⁺ - Selective Purification of Recombinant Proteins from The Milk of Transgenic Animals," JOURNAL OF CHROMATOGRAPHY A, ELSEVIER SCIENCE, Vol. 799, pp. 125-137, March 13, 1998, XP004111379.	
		Tracy D. WILKINS et al., "Isolation of Recombinant Proteins From Milk," JOURNAL OF CELLULAR BIOCHEMISTRY, New York, NY, Vol. 49, No. 4, pp. 333-338, August 1, 1992, XP000611844.	

Examiner Signature		Date Considered	
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